

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.

Application Serial Number: 10/522,362

Source: PST

Date Processed by STIC: 2-22-05

ENTERED

BEST AVAILABLE COPY



PCT 1

RAW SEQUENCE LISTING

DATE: 02/22/2005

PATENT APPLICATION: US/10/522,362

TIME: 08:19:19

Input Set : A:\seqlist.txt

Output Set: N:\CRF4\02222005\J522362.raw

```

4 <110> APPLICANT: De Bari, Cosimo
5     Dell'Accio, Francesco
6     Luyten, Frank
8 <120> TITLE OF INVENTION: Compositions Comprising Muscle
9     Progenitor Cells and Uses Thereof
12 <130> FILE REFERENCE: 50304/030001
> 14 <140> CURRENT APPLICATION NUMBER: US/10/522,362
> 14 <141> CURRENT FILING DATE: 2005-01-26
14 <150> PRIOR APPLICATION NUMBER: PCT/EP03/009008
15 <151> PRIOR FILING DATE: 2003-07-30
17 <150> PRIOR APPLICATION NUMBER: US 60/399,745
18 <151> PRIOR FILING DATE: 2002-07-30
20 <160> NUMBER OF SEQ ID NOS: 49
22 <170> SOFTWARE: FastSEQ for Windows Version 4.0
24 <210> SEQ ID NO: 1
25 <211> LENGTH: 23
26 <212> TYPE: DNA
27 <213> ORGANISM: Mus musculus
29 <220> FEATURE:
30 <221> NAME/KEY: misc_feature
31 <222> LOCATION: (1)...(23)
32 <223> OTHER INFORMATION: mouse centromeric probe, minor satellite DNA sense
33     primer
35 <400> SEQUENCE: 1
36 ggaaaatgat aaaaaccaca ctg                                23
38 <210> SEQ ID NO: 2
39 <211> LENGTH: 23
40 <212> TYPE: DNA
41 <213> ORGANISM: Mus musculus
43 <220> FEATURE:
44 <221> NAME/KEY: misc_feature
45 <222> LOCATION: (1)...(23)
46 <223> OTHER INFORMATION: mouse centromeric probe, minor satellite DNA sense
47     primer
49 <400> SEQUENCE: 2
50 tgtttctcat tgtaactcat tga                                23
52 <210> SEQ ID NO: 3
53 <211> LENGTH: 18
54 <212> TYPE: DNA
55 <213> ORGANISM: Mus musculus
57 <220> FEATURE:
58 <221> NAME/KEY: misc_feature
59 <222> LOCATION: (1)...(18)

```

RAW SEQUENCE LISTING

DATE: 02/22/2005

PATENT APPLICATION: US/10/522,362

TIME: 08:19:19

Input Set : A:\seqlist.txt

Output Set: N:\CRF4\02222005\J522362.raw

```

60 <223> OTHER INFORMATION: beta actin forward primer
62 <400> SEQUENCE: 3
63 ctggcaccca gcacaatg 18
65 <210> SEQ ID NO: 4
66 <211> LENGTH: 17
67 <212> TYPE: DNA
68 <213> ORGANISM: Mus musculus
70 <220> FEATURE:
71 <221> NAME/KEY: misc_feature
72 <222> LOCATION: (1)...(17)
73 <223> OTHER INFORMATION: human beta actin antisense primer
75 <400> SEQUENCE: 4
76 agcgaggcca ggatgga 17
78 <210> SEQ ID NO: 5
79 <211> LENGTH: 24
80 <212> TYPE: DNA
81 <213> ORGANISM: Mus musculus
83 <220> FEATURE:
84 <221> NAME/KEY: misc_feature
85 <222> LOCATION: (1)...(24)
86 <223> OTHER INFORMATION: TaqMan probe actin
88 <221> NAME/KEY: misc_feature
89 <222> LOCATION: 1
90 <223> OTHER INFORMATION: JOE modification
> 92 <221> misc_feature
93 <222> LOCATION: 24
94 <223> OTHER INFORMATION: TAMRA modification
> 96 <400> 5
97 ccgccgatcc acacggagta cttg 24
99 <210> SEQ ID NO: 6
100 <211> LENGTH: 30
101 <212> TYPE: DNA
102 <213> ORGANISM: Mus musculus
104 <220> FEATURE:
105 <221> NAME/KEY: misc_feature
106 <222> LOCATION: (1)...(30)
107 <223> OTHER INFORMATION: beta actin sense primer, hybridizes to both human
108 and mouse
110 <400> SEQUENCE: 6
111 tgacgggggtc acccacactg tgcccatcta 30
113 <210> SEQ ID NO: 7
114 <211> LENGTH: 30
115 <212> TYPE: DNA
116 <213> ORGANISM: Mus musculus
118 <220> FEATURE:
119 <221> NAME/KEY: misc_feature
120 <222> LOCATION: (1)...(30)
121 <223> OTHER INFORMATION: beta actin antisense primer, hybridizes to both
122 human and mouse

```

RAW SEQUENCE LISTING

DATE: 02/22/2005

PATENT APPLICATION: US/10/522,362

TIME: 08:19:19

Input Set : A:\seqlist.txt

Output Set: N:\CRF4\02222005\J522362.raw

```

124 <400> SEQUENCE: 7
125 ctagaagcat ttgcggtgga cgatggaggg 30
127 <210> SEQ ID NO: 8
128 <211> LENGTH: 20
129 <212> TYPE: DNA
130 <213> ORGANISM: Homo sapiens
132 <220> FEATURE:
133 <221> NAME/KEY: misc_feature
134 <222> LOCATION: (1)...(20)
135 <223> OTHER INFORMATION: forward primer human beta actin
137 <400> SEQUENCE: 8
138 ccgacaggat gcagaaggag 20
140 <210> SEQ ID NO: 9
141 <211> LENGTH: 20
142 <212> TYPE: DNA
143 <213> ORGANISM: Homo sapiens
145 <220> FEATURE:
146 <221> NAME/KEY: misc_feature
147 <222> LOCATION: (1)...(20)
148 <223> OTHER INFORMATION: reverse primer human beta actin
150 <400> SEQUENCE: 9
151 ggcacgaagg ctcattc 20
153 <210> SEQ ID NO: 10
154 <211> LENGTH: 21
155 <212> TYPE: DNA
156 <213> ORGANISM: Homo sapiens
158 <220> FEATURE:
159 <221> NAME/KEY: misc_feature
160 <222> LOCATION: (1)...(21)
161 <223> OTHER INFORMATION: human PCNA sense primer
163 <400> SEQUENCE: 10
164 ggagaacttg gaaatggaaa c 21
166 <210> SEQ ID NO: 11
167 <211> LENGTH: 21
168 <212> TYPE: DNA
169 <213> ORGANISM: Homo sapiens
171 <220> FEATURE:
172 <221> NAME/KEY: misc_feature
173 <222> LOCATION: (1)...(21)
174 <223> OTHER INFORMATION: human PCNA antisense primer
176 <400> SEQUENCE: 11
177 ctgcatttag agtcaagacc c 21
179 <210> SEQ ID NO: 12
180 <211> LENGTH: 23
181 <212> TYPE: DNA
182 <213> ORGANISM: Homo sapiens
184 <220> FEATURE:
185 <221> NAME/KEY: misc_feature
186 <222> LOCATION: (1)...(23)

```

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/522,362

DATE: 02/22/2005
TIME: 08:19:19

Input Set : A:\seqlist.txt
Output Set : N:\CRF4\02222005\J522362.raw

```

187 <223> OTHER INFORMATION: human myf5 sense primer
189 <400> SEQUENCE: 12
190 tgagagagca ggtggagaac tac
192 <210> SEQ ID NO: 13
193 <211> LENGTH: 23
194 <212> TYPE: DNA
195 <213> ORGANISM: Homo sapiens
197 <220> FEATURE:
198 <221> NAME/KEY: misc_feature
199 <222> LOCATION: (1)...(23)
200 <223> OTHER INFORMATION: human myf5 antisense primer
202 <400> SEQUENCE: 13
203 gccttcttcg tcctgtgtat tag
205 <210> SEQ ID NO: 14
206 <211> LENGTH: 20
207 <212> TYPE: DNA
208 <213> ORGANISM: Homo sapiens
210 <220> FEATURE:
211 <221> NAME/KEY: misc_feature
212 <222> LOCATION: (1)...(20)
213 <223> OTHER INFORMATION: human myogenin sense primer
215 <400> SEQUENCE: 14
216 gccacagatg ccactacttc
218 <210> SEQ ID NO: 15
219 <211> LENGTH: 20
220 <212> TYPE: DNA
221 <213> ORGANISM: Mus musculus
223 <220> FEATURE:
224 <221> NAME/KEY: misc_feature
225 <222> LOCATION: (1)...(20)
226 <223> OTHER INFORMATION: human myogenin antisense primer
228 <400> SEQUENCE: 15
229 caacttcagc acaggagacc
231 <210> SEQ ID NO: 16
232 <211> LENGTH: 20
233 <212> TYPE: DNA
234 <213> ORGANISM: Homo sapiens
236 <220> FEATURE:
237 <221> NAME/KEY: misc_feature
238 <222> LOCATION: (1)...(20)
239 <223> OTHER INFORMATION: human desmin sense primer
241 <400> SEQUENCE: 16
242 cctactctgc cctcaacttc
244 <210> SEQ ID NO: 17
245 <211> LENGTH: 20
246 <212> TYPE: DNA
247 <213> ORGANISM: Homo sapiens
249 <220> FEATURE:
250 <221> NAME/KEY: misc_feature

```

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/522,362

DATE: 02/22/2005

TIME: 08:19:19

Input Set : A:\seqlist.txt

Output Set: N:\CRF4\02222005\J522362.raw

```

251 <222> LOCATION: (1)...(20)
252 <223> OTHER INFORMATION: human desmin antisense
254 <400> SEQUENCE: 17
255 agtatcccaa caccctgctc
257 <210> SEQ ID NO: 18
258 <211> LENGTH: 20
259 <212> TYPE: DNA
260 <213> ORGANISM: Homo sapiens
262 <220> FEATURE:
263 <221> NAME/KEY: misc_feature
264 <222> LOCATION: (1)...(20)
265 <223> OTHER INFORMATION: human dystrophin sense primer
267 <400> SEQUENCE: 18
268 cagtagcccc atcacatttg
270 <210> SEQ ID NO: 19
271 <211> LENGTH: 20
272 <212> TYPE: DNA
273 <213> ORGANISM: Homo sapiens
275 <220> FEATURE:
276 <221> NAME/KEY: misc_feature
277 <222> LOCATION: (1)...(20)
278 <223> OTHER INFORMATION: human dystrophin antisense
280 <400> SEQUENCE: 19
281 ataacgcaat ggacaagtgg
283 <210> SEQ ID NO: 20
284 <211> LENGTH: 20
285 <212> TYPE: DNA
286 <213> ORGANISM: Homo sapiens
288 <220> FEATURE:
289 <221> NAME/KEY: misc_feature
290 <222> LOCATION: (1)...(20)
291 <223> OTHER INFORMATION: SkMactin sense primer
293 <400> SEQUENCE: 20
294 cgtggctact ccttcgtgac
296 <210> SEQ ID NO: 21
297 <211> LENGTH: 20
298 <212> TYPE: DNA
299 <213> ORGANISM: Homo sapiens
301 <220> FEATURE:
302 <221> NAME/KEY: misc_feature
303 <222> LOCATION: (1)...(20)
304 <223> OTHER INFORMATION: SkMactin antisense
306 <400> SEQUENCE: 21
307 cccattgaga agattcgtcg
309 <210> SEQ ID NO: 22
310 <211> LENGTH: 20
311 <212> TYPE: DNA
312 <213> ORGANISM: Homo sapiens
314 <220> FEATURE:

```

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/522,362

DATE: 02/22/2005

TIME: 08:19:20

Input Set : A:\seqlist.txt

Output Set: N:\CRF4\02222005\J522362.raw

4 M:270 C: Current Application Number differs, Replaced Current Application No
4 M:271 C: Current Filing Date differs, Replaced Current Filing Date
2 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:5
6 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:5